

Virtual Infrastructure with ESX Server and VirtualCenter 3: Install and Configure



Course Code: **VM-ESX**

Duration : 4 days

VMware-Certified Professional

Gain the in-depth skills and industry-recognized certification on VMware technology today! The VMware Certified Professional Program is designed for any technical individual -- partners, end-users, resellers, and consultants - who wants to demonstrate their expertise in virtual infrastructure and increase his potential for career advancement.

Overview

This 4-day deep hands-on training course explores VMware Infrastructure 3, which consists of VMware ESX server and VMware VirtualCenter. This course is a prerequisite to taking the certification exam and becoming a VMware-Certified Professional.

Audience

System administrators, systems engineers, and operators responsible for ESX Server and/or VirtualCenter.

Course Objectives

At the end of the course, you will understand the functionality in VMware Infrastructure 3 and be able to:

- Install and configure virtual machines.
- Deploy virtual machines from templates and allocate resources.
- Migrate and manage virtual machines.
- Ensure high availability of applications.
- Troubleshoot typical ESX server issues.

Prerequisites

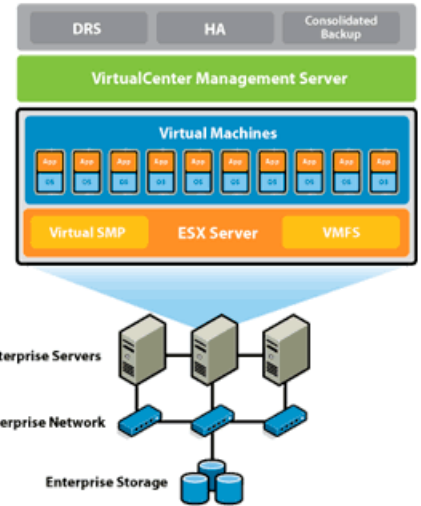
System administration experience on Microsoft Windows or Linux operating systems.

Instructor

Course to be taught by a certified VMware professional with good experience.

Outline

<p>Virtual infrastructure overview</p> <ul style="list-style-type: none"> • VMware products: functions and applications. <p>ESX server installation</p> <ul style="list-style-type: none"> • Set-up of ESX server <p>Networking</p> <ul style="list-style-type: none"> • Configuration of virtual switches, network connections and port groups. <p>Storage</p> <ul style="list-style-type: none"> • Storage management technologies 	<p>VirtualCenter installation</p> <ul style="list-style-type: none"> • Set-up of VirtualCenter. <p>Creation and management of VMs</p> <ul style="list-style-type: none"> • Use of templates. • Manage using VMware VirtualCenter and Web Access.. <p>Resource management</p> <ul style="list-style-type: none"> • VMotion migrations. • Setting VM priorities on CPU, memory, and other resources. 	<p>Virtual machine access control</p> <ul style="list-style-type: none"> • Controlling administrator rights. <p>Monitoring your environment</p> <ul style="list-style-type: none"> • Workload assessment. • Service console monitoring. <p>Date and availability protection</p> <ul style="list-style-type: none"> • Clustering, backups, failover. <p>Troubleshooting</p> <ul style="list-style-type: none"> • Systematic isolation of problems. • Common symptoms, faults, fixes.
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REGISTRATION AND INFORMATION

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